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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/604,919	06/28/2000	Olivier Miakinen	T2147-906538	6435

181 7590 12/18/2006	EXAMINER
MILES & STOCKBRIDGE PC 1751 PINNACLE DRIVE SUITE 500 MCLEAN, VA 22102-3833	TRUONG, LAN DAI T

	ART UNIT	PAPER NUMBER
	2152	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	12/18/2006	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>03</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>28 June 2006</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-65* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-65* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *28 June 2000* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received. . .

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date <u>06/28/00</u>.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____ .

DETAILED ACTION

Claim rejections-35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1, 13 and 62 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter such as "optimize the number of the SNMP request...." which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention

Claim rejections-35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or descrybed as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-2, 9-14, 18-20, and 62-63 are rejected under 35 U.S.C 103(a) as being un-

patentable over McPartlan et al. (U.S. 5,822,569) in view of Nilakantan et al. (U.S.

5,541,911) in view of Fisher et al. (U.S. 6,212,511)

Regarding to claim 1:

McPartlan discloses the invention substantially as claimed, including a method, which

can be implemented in a computer hardware or software code for processing a complex request

addressed to at least one SNMP agent of resource machine of a computer system from a complex

protocol manager of an application machine the application and resource machines

communicating through a network, each agent managing attribute a tables belonging to the

resource machine, the instances of the tables being referenced by identifier comprising indexes,

characterized in that consist of:

Transforming a filter (F1) derived from a complex request from the manager of the

application machine into a simplified filter (F2): (McPartlan discloses "a data storage device"

which shares functionality with "a simplified filter (F2)" which converts received data from a

CMIP (common management Information Protocol) into SNMP in order to support

communications between "a CMIP application component" which shares functionality with "a

filter F1" and SNMP application component: (abstract; figure 3, items 42, 46 and 48; figure 4;

column 4, lines 55-58; column 9, lines 45-63)

However, McPartlan does not explicitly disclose steps of transmitting said limited SNMP

request to the SNMP agent through the network; limiting the SNMP request to those that comply

with the filter (F2); the filter (F2) lets through all the SNMP requests whose responses could

verify the filter (F1), but filters out all the SNMP requests whose responses cannot in any way

verify the filter (F1); optimize the number of the SNMP request transmitted through the network:

In analogous art, Nilakantan discloses communications between a Smart Filtering

manager and "a plurality of Smart filter agents" those are equivalent to "SNMP agent": (column

19, lines 45-59);Nalkantan also discloses "the SNMP component" which shares functionality

with "the filter (F2)" receives and processes the requests; the SNMP component only processes

the requests satisfied verify condition such as only if the destination IP address or the request is

in range of 127.0.0.1: column 19, lines 20)

Thus, it would have been obvious to a person of ordinary skill in the art at the time the

invention was made to combine Nalkantan's ideas of using SNMP component to filter out

received request which is not fall in predefined conditions with McPartlan's system in order to

provide an efficient network management system which can filter out unmatched scenarios

services requests in order to reduce network traffic and speed up service responses, see

(Nalkantan: column 3, lines 24-56)

However, McPartlan- Nalkantan does not explicitly discloses the correlations of

conditions on indexes in the filter

In analogous art, Fisher discloses SNMP/CMIP filtering data under filter conditions/rules

list. Although Fisher does not explicitly disclose indexes correlating with conditions; however, it

would have been obvious to a person of ordinary skill in the art to know that the bindings of

indexes and conditions are always standard supporting elements for a filter: (column 17, lines 5-

15; column 1, lines 34-50; column 2, lines 52-65; column 5, lines 60-67; column 9, lines 1-67;

column 10, lines 1-67)

Thus, it would have been obvious to a person of ordinary skill in the art at the time the

invention was made to combine Fisher's ideas of applying SNMP/CMIP filtering under

predefined filter conditions/rules with McPartlan- Nalkantan's system in order to provide a

secure data access management system which only processes access request which satisfied

defined access rights, see (column 3, lines 50-61)

Regarding to claims 13 and 62:

Those claims are rejected under rationale of claim 1

Regarding to claims 2, 9-12, 14, 18-20 and 63:

Those claims are rejected under rationale of claims 1, 13 and 63

Claims 3-8, 15-17, 21-61 and 64-65 are rejected under 35 U.S.C 103(a) as being un-

patentable over McPartlan- Nilakantan-Fisher in view of Boothby et al. (U.S. 6,212,529)

Regarding to claims 3-5:

McPartlan- Nilakantan-Fisher discloses the invention substantially as disclosed in claim

1, but does not explicitly teach applying a filter with Boolean operations such as "False," "true"

In analogous art, Boothby method of applying "false" and "true" operations in filtering

process: (figure 15)

Thus, it would have been obvious to a person of ordinary skill in the art at the time the

invention was made to combine Boothby's ideas of applying Boolean operations into a filter with

McPartlan- Nalkantan-fisher's system in order to be able to limit the storing data/search data to

only those data fit a selected filter conditions, see (column 3, lines 30-40; column 10, lines 33-

55; column 13, lines 1-62; column 19, lines 50-61)

Regarding to claims 6-8, 15-17, 21-61 and 64-65:

McPartlan- Nilakantan-Fisher discloses the invention substantially as disclosed in claims

1, 13-14, and 63 but does not explicitly teach applying filter with "and" and "or" operations:

In analogous art, Boothby discloses method of applying "and" and "or" operations into a

filter: (column 10, lines 33-55; column 13, lines 1-62)

Thus, it would have been obvious to a person of ordinary skill in the art at the time the

invention was made to combine Boothby's ideas of applying "and" and "or" operations into a

filter with McPartlan- Nalkantan-fisher's system in order to be able to limit the storing

data/search data to only those data fit a selected filter conditions, see (column 3, lines 30-40;

column 10, lines 33-55; column 13, lines 1-62; column 19, lines 50-61)

The prior arts made of records and not relied upon is considered pertinent to applicant's

disclosure. The following patents and publications are cited to further show the state of the art

with respect to "Method for remote interrogation of SMP agents": 5822569; 6012095; 5960176;

20010052006; 6782420; 6253243; RE 38,360 E; 6,901,582; "CMIP/SNMP integration

prototype"

Examiner recommendations

To expedite prosecution for this application, Examiner highly recommends Applicant to

add "and" after the phase "…the SNMP request" of independent claim1 (page 2, line 21), and

independent claim 13 (page 8, line 21) to put the invention claims in expediting prosecution
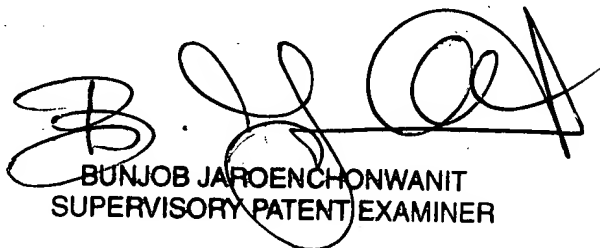
condition.

Conclusions

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lan-Dai Thi Truong whose telephone number is 571-272-7959. The examiner can normally be reached on Monday- Friday from 8:30am to 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob A. Jaroenchonwanit can be reached on 571-272-3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

12/09/2006

BUNJOB JAROENCHONWANIT
SUPERVISORY PATENT EXAMINER